

Test Notes

Test Procedure/Task: LPD-F121 T1 Rev: 119 Issue: 1 DWP #: WO #:				Test Date/Time: 04/21/09 1530	
Title: Second Stage Pre-VOS and Erection Preparations					
Site/Program: CCAFS/Delta II		Location: Pad 17A		Mission: GPS IIR-21	
				Effectivity:	
Creator: Seaman, Stephen Phone: 321-476-3117		Work Group: Engineering Propulsion		Shift: 1	Note Created: 04/21/09 1555 Note Updated:
Title of Test: GPSIIR-21 High Pressure Leak Checks					
Description of Test					
<p>The Fuel and Oxidizer Vent leak checks were completed this morning. No additional vehicle testing was performed due to the pending evaluation of the helium sphere poch marks. The DCI identifying the noted gouges in the helium sphere was transferred to an MRR. The raised displaced metal of the gouges was removed and the area prepared for another dye penetrant inspection. The dye penetrant inspection showed slight indications away from the depressions that were due to the file/abrasive paper preparations and are not considered detrimental. The Denver CRE for the spheres has indicated that we could proceed with high pressure testing. The MRR will be dispositioned with "Use-as-Is", with subsequent testing to flight pressure on the N2 and Helium systems.</p> <p>Great job by the crew and a special thanks to JR from the machine shop for providing support for the removal of the raised material.</p>					
CCN: 8WEH2YSE-A Hours: 7		CCN: 8WEH2YSE-L Hours: 1			

Test Notes

Test Procedure/Task: Rev: Issue: DWP #: WO #:				Test Date/Time: 04/21/09	
Title:					
Site/Program: CCAFS/Delta II		Location: Pad 17B		Mission: STSS	
				Effectivity:	
Creator: Vetsch, Leon Phone: 321-476-3218		Work Group: Engineering Mechanical		Shift: 1	Note Created: 04/21/09 1456 Note Updated:
Title of Test: Solid Motor Mate - Set #2					
Description of Test					
<p>Completed solid motor mate, set #2, motor positions 4, 7 & 9.</p> <p>No anomalies noted.</p> <p>Good show by the entire team!</p> <p>Igv</p>					
CCN: Hours:					
Attachments					

Test Notes

Test Procedure/Task: LPD-F023 T1				Test Date/Time: 04/21/09	
Rev:		Issue:		DWP #:	
				WO #:	
Title:					
Site/Program: CCAFS/Delta II		Location: Area 57 Solid Motors		Mission: STSS	
				Effectivity:	
Creator: Galbreath, Mike		Work Group: Engineering Mechanical		Shift: 1	Note Created: 04/21/09 1514
Phone: 321-476-3146					Note Updated:
Title of Test: SOLID MOTOR THRUSTER COCKING					
Description of Test					
<ul style="list-style-type: none">- THRUSTER BUILD-UP COMPLETE THROUGH THRUSTER COCKING- CURVED SHIELDS AND EYEBOLTS TO BE INSTALLED TOMORROW <p>GREAT JOB BY A57 CREW</p>					
CCN: WDK2GSEL-0					
Hours: 4					
Attachments					

Test Notes

Test Procedure/Task: LPD-V006 T1				Test Date/Time: 04/20/09	
Rev: 76		Issue: 1		DWP #: 124173	
WO #: _____					
Title: Preparations for Flight Program Verification					
Site/Program: VAFB/Delta II		Location: Not Applicable/Other		Mission: STSS_BLOCK_201 0	
Effectivity:					
Creator: Kelman, Sam		Work Group: Engineering Mechanical		Shift: 1	
Phone: 805-606-6340 x2229/6				Note Created: 04/20/09 2120	
				Note Updated:	
Title of Test: FTS Flight Battery Receiving at SMX					
Description of Test					
Received flight FTS batteries at the Santa Maria Airport.					
EDR data has been downloaded and emailed to Denver Engineering.					
CCN:					
Hours:					

Test Notes

Test Procedure/Task:				Test Date/Time:	
Rev:		Issue:		DWP #:	
WO #:					
Title:					
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: STSS_BLOCK_201 0	
Effectivity:					
Creator: Hanaway, Frank		Work Group: Tech Services Group		Shift: 2	
Phone: 805-606-6340 x2307				Note Created: 04/21/09 0058	
				Note Updated: 04/21/09 1727	
Title of Test: SLC-2 TSG SECOND SHIFT					
Description of Test					
<p>DELTA SHOPS & LABS :</p> <p>END OF SHIFT FACILITY CHECKS --- COMPLETE</p> <p>MAINTENANCE SUPPORT & 7i WORK ORDERS --- ACTIVE</p> <p>--- STSS ATRR ---</p> <p>V42 TASK 2 : VAPOR DETECTION CHECKS --- TASK IS COMPLETE.</p> <p>V57 TASK 1 : WHITEROOM CLEANING ESCORT --- TASK IS COMPLETE FOR THE NIGHT.</p> <p>V8 TASK 4 : FLAMEGUARD INSTALLATION --- TASK IS COMPLETE LESS CURE.</p> <p>V6 TASK 1 : FLIGHT BATTERY RECEIVING --- TASK IS COMPLETE. SEE ENGINEERING TEST NOTES FOR DETAILS (KYLINGSTAD).</p> <p>V8 TASK 3 : COUNTDOWN PREPS --- MARTYTE ON LAUNCH LEG 4 ACTUATOR COVER IS COMPLETE.</p> <p>V23 TASK 4 : SOLID MOTOR FINALING AND INSULATING --- WORK IN LPD IS 95 PERCENT COMPLETE.</p> <p>V91 TASK 12 : NITROGEN LOW PRESSURE FILLING --- TASK IS COMPLETE (2250 PSIG).</p> <p>V91 TASK 27 : NITROGEN HIGH PRESSURE FILLING --- TASK IS COMPLETE (5600 PSIG).</p>					
Frank Hanaway and Larry Taylor					
CCN:					

Test Notes

Test Procedure/Task: LPD-V006 T1 Rev: 76 Issue: 1 DWP #: 124173 WO #: Title: Preparations for Flight Program Verification				Test Date/Time: 04/20/09 1800			
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: STSS_BLOCK_201 0		Effectivity:	
Creator: Kyllingstad, Tobin Phone: 805-606-6340 x2855/6		Work Group: Engineering Electrical		Shift: 2		Note Created: 04/21/09 0404 Note Updated:	
Title of Test: 40 Amp hour battery receiving, pin to case, and preps							
Description of Test							
Battery receiving inspection, pin to case and open circuit voltage measurements, and cleaning preparations were all completed without issue or incident. All measurements were nominal. Batteries are ready for installation.							

Test Notes

Test Procedure/Task: Rev: Issue: DWP #: WO #: Test Date/Time: 04/21/09 1540				Title: M551 OFFLOAD 2ND STG WORLDVIEW			
Site/Program: VAFB/Delta II		Location: Delta Mission Check Out (DMCO)		Mission: WorldView-2		Effectivity:	
Creator: McCreary, Mark Phone: 321-476-3219		Work Group: Engineering Mechanical		Shift: 1		Note Created: 04/21/09 1546 Note Updated:	
Title of Test: M551 OFFLOAD 2ND STG WORLDVIEW							
Description of Test							
2ND STAGE OFFLOADED AND MOVED TO DMCO. EDR DATA WAS ACCEPTABLE. READY TO BEGIN M520.							

Test Notes

Test Procedure/Task: LPD-V401 T2 Rev: 23 Issue: 1 DWP #: 138958 WO #: Title: S/M Offloading Grain Insp & Leak Check - Ext Nozzle				Test Date/Time: 04/21/09			
Site/Program: VAFB/Delta II		Location: Building 1670		Mission: WorldView-2		Effectivity:	
Creator: Tuttle, Jeffry Phone: 321-730-2073		Work Group: Engineering Mechanical		Shift: 1		Note Created: 04/21/09 1703 Note Updated:	
Title of Test: Solid Motor Processing							
Description of Test							
Received, offloaded and transfered to erection trailers SRM S/N 20978 (#6) and S/N 20979 (#5). Nominal EDR data. No anaomalies encountered.							
CCN: Hours:							
Attachments							

Test Notes

Test Procedure/Task: LPD-V019 T1				Test Date/Time: 04/21/09 0700			
Rev: 79		Issue: 3		DWP #: 142416		WO #:	
Title: First and Second Stage Hydraulic Sys Quals							
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: STSS_BLOCK_201 0		Effectivity:	
Creator: McCarty, Mike		Work Group: Operations			Shift: 1		Note Started: 04/21/09 1626
Phone: 805-606-6340 x2318/6							
Title of Test: TC Notes: V19T1 3rd issue							
Description of Test							
Time	H/A	Description					
0700		Pretest briefing comm ch 5. Shutdown of fiber optic chassis in blockhouse has left us with one data stream only. Anomaly due to power connector.					
1015		CDPS/ALCS required recycle following retermination of fiber optic connector SS TM turn on complete					
1125		Item 33 SS Hydraulic System Quals in work					
1145		SS E-Pkg cross bus cks in work					
1300		Item 40 SS Engine Clearance cks & slews in work					
1317		Item 40 complete. Item 41 in work SS Hydraulic Pump turn off in work					
1337		Thru item 4 TV DCI 1 to V19T1 issue 3					
1450		SS N2 vehicle securing complete. Pneumatic securing complete.					
1512		RIFCA turn off/ on and reload of flight program in work					
1545		Reload of flight program complete. RIFCA and SS TM securing complete.					
CCN:							
Hours:							

Test Notes

Test Procedure/Task:				Test Date/Time: 04/21/09			
Rev:		Issue:		DWP #:		WO #:	
Title:							
Site/Program: VAFB/Delta II		Location: Solid Motor Building		Mission: WorldView-2		Effectivity:	
Creator: Adams, Doug		Work Group: Tech Services Group			Shift: 1		Note Created: 04/21/09 1745
Phone: 805-606-6340 x2209		Note Updated:					
Title of Test: SRM Build-Up							
Description of Test							
Received SRM # 5&6 Completed leak/decay test on motor 5 Did not complete leak decay test on motor 6 due to humidity below 35 percent in the morning.							
CCN:							
Hours:							
Attachments							

Test Notes

Test Procedure/Task:				Test Date/Time:	
Rev:		Issue:		DWP #:	
Title:		WO #:		04/21/09 1500	
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission:	
				Effectivity:	
Creator: Hillier, Ed		Work Group: Tech Services Group		Shift: 1	
Phone: 805-606-6340 x2209				Note Created: 04/21/09 1801	
				Note Updated:	
Title of Test: SLC-2 TSG FIRST SHIFT					
Description of Test					
<p>DELTA:</p> <ul style="list-style-type: none"> • V158 T1/3 DAILY FACILITY CHECKS -----COMPLETE • MAINTENANCE SUPPORT & 7I WORK ORDERS -----ACTIVE WITH MISC WORKORDERS • ENVIRONMENTAL COMPLIANCE / CAL LAB / LPD PARTS PULL SUPPORT -----ACTIVE AND ON GOING • HYDRO LAB ----- ACTIVE AND ON GOING • A/C / PROOFLOAD / MACHINE SHOP SUPPORT -----ACTIVE WITH MISC A/C / MACHINE SHOP ITEMS, SEE CHAMBLESS TEST NOTES FOR PROOFLOAD AREA <p>STSS ATTR:</p> <ul style="list-style-type: none"> • V42 T2 DAILY VEHICLE CHECKS -----COMPLETE • V41 T1 S/C A/C & PROP WATCH -----ACTIVE, 2ND SHIFT WILL ROS • V57 T1 WHITE ROOM CLEANING -----ACTIVE SUPPORTING A/R • S/C ESCORT SUPPORT -----ACTIVE A/R, 2ND SHIFT WILL ROS • V23 T5 S/M FAIRING / NOZZLE CORK INSTALLATION -----COMPLETED OUTSIDE CORK INSTALLATION ON 8 OF 9 • V8 T3 COUNTDOWN PREPS -----ACTIVE • V19 T1 ISSUE 3 - 2ND STAGE HYD SYS QUALS -----COMPLETE LESS SOME SECURING AT THE RLCC, 2ND SHIFT WILL ROS A/R • V6 T1 1ST STAGE FLIGHT BATTERY INSTALLATION -----COMPLETE • V6 T1 ENGINEERING WALKDOWN -----COMPLETE • OOP 1D88964-503 INSTALL CAP ON ENGINE SEC RTU -----PARTS SHORTAGE, RESCHEDULED TOMORROW <p>WORLDVIEW-2:</p> <ul style="list-style-type: none"> • V401 T2 SOLID MOTOR OFFLOAD -----COMPLETE • V401 T2 SOLID MOTOR LEAK CHECK -----COMPLETED 1 S/M <p>WORLDVIEW-2:</p> <ul style="list-style-type: none"> • AO 1D60724-1 MOD S/C CAN SEGMENT -----ACTIVE 					

Test Notes

Test Procedure/Task: DCI - Hdwe Anom-VACD-ELECTRICAL DCI E1490				Test Date/Time:	
Rev:		Issue: 1		DWP #: 142484	
Title:		WO #:		04/21/09	
No ground stream lock on TFE #2 causing multiple alarms loss of ADOTS, ATMAS and RTDL.					
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: STSS_BLOCK_201	
				Effectivity:	
Creator: Bragdon, Casey		Work Group: Engineering Electrical		Shift: 1	
Phone: 805-606-6340 x6255/2				Note Created: 04/21/09 1826	
				Note Updated:	
Title of Test: TMR Secondary Fiber Chassis Power Supply					
Description of Test					
<p>Loss of secondary PCM data and secondary RS485/RS422 control bus was the result of a bad IFS P/S-R3 power supply output connector. The connector pin had minimal contact and show signs of heat damage. Re-terminated connector using pin savers as a temporary solution. Spare power supply will be shipped from the cape and unit will R&R when received.</p>					
CCN:					

Test Notes

Test Procedure/Task: LPD-V019 T1				Test Date/Time: 04/21/09 1015			
Rev: 79		Issue: 3		DWP #: 142416		WO #:	
Title: First and Second Stage Hydraulic Sys Quals							
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: STSS_BLOCK_201 0		Effectivity:	
Creator: Galindo-Jr, Pedro		Work Group: Engineering Electrical		Shift: 1		Note Created: 04/21/09 1902	
Phone: 805-606-6340 x6239/2						Note Updated: 04/21/09 1904	
Title of Test: V19 T1 ISSUE 3 - 2ND STAGE E-PACKAGE RETEST							
Description of Test							
Completed second stage hydraulic/epackage retest (include 2nd stage VIC) as directed by DAN A3-DII-(2E-2) -20312-ELEC-001/LARDIERE. All codes per CE2400A were satisfied (second stage electronics package retest).							
Great job by the crew.							
CCN:							
Hours:							

Test Notes

Test Procedure/Task: LPD-V006 T1				Test Date/Time: 04/21/09			
Rev: 76		Issue: 1		DWP #: 124173		WO #:	
Title: Preparations for Flight Program Verification							
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: STSS_BLOCK_201 0		Effectivity:	
Creator: Fondern, Annetta		Work Group: Engineering Electrical		Shift: 2		Note Created: 04/21/09 2319	
Phone: 805-605-5359						Note Updated:	
Title of Test: 2nd Stg System Battery Installation w/test battery positioning							
Description of Test							
Installation of 2nd Stg System 1 and System 2 FLIGHT batteries complete and satisfactory. Batteries are NOT connected.							
System battery adaptor cables are mated to vehicle flight harness connections.							
TEST batteries are staged at MST level 5 and are ready for connection upon LPD direction.							
No issues to report.							
Crew did an outstanding job!							
CCN:							
Hours:							
Attachments							

Test Notes

Test Procedure/Task: Rev: Issue: DWP #: WO #:				Test Date/Time: 04/22/09	
Title:					
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: STSS_BLOCK_201 0	
Creator: Hanaway, Frank Phone: 805-606-6340 x2307		Work Group: Tech Services Group		Effectivity: Shift: 2 Note Created: 04/22/09 0055 Note Updated:	
Title of Test: SLC-2 TSG SECOND SHIFT					
Description of Test					
<p>DELTSEE ENGINEERING TEST NOTES FOR DETAILS (KYLINGSTAD).</p> <p>A SHOPS & LABS :</p> <p>END OF SHIFT FACILITY CHECKS --- COMPLETE</p> <p>MAINTENANCE SUPPORT & 7i WORK ORDERS --- ACTIVE</p> <p>--- STSS ATRR ---</p> <p>V42 TASK 2 : VAPOR DETECTION CHECKS --- TASK IS COMPLETE.</p> <p>V57 TASK 1 : WHITEROOM CLEANING ESCORT --- TASK IS COMPLETE FOR THE NIGHT.</p> <p>V19 TASK 1 : SECOND STAGE HYDRAULIC SYSTEM QUALS --- TASK WAS COMPLETED ON FIRST SHIFT. SEE ENGINEERING TEST NOTES FOR DETAILS (GALINDO).</p> <p>V6 TASK 1 : SECOND STAGE FLIGHT BATTERY INSTALLATION --- TASK IS COMPLETE. SEE ENGINEERING TEST NOTES FOR DETAILS (FONDERN).</p> <p>V8 TASK 3 : COUNTDOWN PREPS --- PUCK VARIOUS AREAS AROUND LAUNCH MOUNT AND MST.</p> <p>V23 TASK 4 : SOLID MOTOR FINALING AND INSULATING --- AFT WORK IS NOW COMPLETE IN LPD LESS CURE AND POINT / PUCK.</p> <p> Frank Hanaway and Larry Taylor</p>					
CCN:					
Hours:					
Attachments					

Test Notes

Test Procedure/Task: DPAD-1D87599-P0418				Test Date/Time: 04/21/09 0600	
Rev: F		Issue: 3		DWP #: WO #: 125474	
Title: DII 10' PLF CKT Test					
Site/Program: Decatur/Delta II		Location: Delta II Payload Fairing (D2PLF)		Mission: WorldView-2	
Effectivity: 20140					
Creator: Schoknecht, Dustin		Work Group: Engineering		Shift: 1	
Phone: 256-432-1885				Note Created: 04/21/09 1057	
				Note Updated:	
Title of Test: DII 10' PLF CKT Test					
Description of Test					
Test completed today. Temp sensor and pressure sensor checked out ok.					
CCN:					
Hours:					

Test Notes

Test Procedure/Task: DPAD-1D89572-P0100				Test Date/Time: 04/22/09 0700	
Rev: H		Issue: 1		DWP #: WO #: 125474	
Title: Delta II 10' Composite Fairing Installation Linear Explosive Assembly Final Leak Acceptance Test					
Site/Program: Decatur/Delta II		Location: Delta II Payload Fairing (D2PLF)		Mission: WorldView-2	
Effectivity: 20140					
Creator: Ferguson, Steve		Work Group: Engineering Propulsion		Shift: 1	
Phone:				Note Created: 04/21/09 1551	
				Note Updated:	
Title of Test: DII PLF LEA Installation and Leak Test					
Description of Test					
TRR Complete. Ready to Test.					
CCN:					
Hours:					
Attachments					